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3521 U.S. PTO  
09/03/04  
04/03/01

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|----------------------|-------|-----|----------|
| 398                  | Class | 202 | Subclass |
| ISSUE CLASSIFICATION |       |     |          |

JPM

PATENT NUMBER

# U.S. UTILITY Patent Application

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| O.I.P.E.<br>FA SCANNED <i>FA</i> <i>1001</i> O.A. <i>1001</i> | PATENT DATE |
|---|-------------|

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|------------------------------|-----------------|--------------|-----------------|------------------|---|
| APPLICATION NO.<br>09/839140 | CONT/PRIOR<br>F | CLASS<br>398 | SUBCLASS<br>202 | ART UNIT<br>2633 | EXAMINER<br><i>Singh</i><br><i>Nguyen</i> |
|------------------------------|-----------------|--------------|-----------------|------------------|---|

TITLE APPLICANTS

Nobua Teuchiya

optical signal receiver and optical space transmission system

PTO-2040  
12/99

| ISSUING CLASSIFICATION       |   |          |   |                    |                                   |  |  |  |  |
|------------------------------|---|----------|---|--------------------|-----------------------------------|--|--|--|--|
| ORIGINAL                     |   |          |   | CROSS REFERENCE(S) |                                   |  |  |  |  |
| CLASS                        |   | SUBCLASS |   | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |
| 398                          |   | 202      |   | 398                | 24                                |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |                    |                                   |  |  |  |  |
| H                            | 0 | 4        | B | 10/08              |                                   |  |  |  |  |
| H                            | 0 | 4        | B | 10/06              |                                   |  |  |  |  |
|                              |   |          |   |                    |                                   |  |  |  |  |
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|--|---|--|--|---|--|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b><br><br><input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____<br><br><input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | <b>DRAWINGS</b><br>Sheets Drwg. <u>1</u> Figs. Drwg. <u>2</u> Print Fig. <u>1</u>   |  |  | <b>CLAIMS ALLOWED</b><br>Total Claims <u>12</u> Print Claim for O.G. <u>1</u> |  |
|  | [Signature: <i>Dalaid Singh</i> ] <u>12/6/03</u><br>(Assistant Examiner) (Date)     |  |  | <b>NOTICE OF ALLOWANCE MAILED</b><br><u>12/11/03</u>                          |  |
|  | [Signature: <i>Leslie Pascal</i> ] <u>12-8-03</u><br>(Primary Examiner) (Date)      |  |  | <b>ISSUE FEE</b><br>Amount Due <u>\$ 1330</u> Date Paid _____                 |  |
|  | [Signature: <i>Sam West</i> ] <u>12/1/03</u><br>(Legal Instruments Examiner) (Date) |  |  | <b>ISSUE BATCH NUMBER</b>   |  |
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**ISSUE FEE IN FILE**

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09/839140

04/23/01

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| 8398                 | 202      |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |

PATENT NUMBER

## U.S. UTILITY Patent Application

|               |          |             |
|---------------|----------|-------------|
| O.I.P.E.      |          | PATENT DATE |
| FA<br>SCANNED | KCI Q.A. |             |

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|------------------------------|-----------------|--------------------------------|-----------------|------------------|-------------------------------------|
| APPLICATION NO.<br>09/839140 | CONT/PRIOR<br>F | CLASS<br><del>200</del><br>398 | SUBCLASS<br>202 | ART UNIT<br>2633 | EXAMINER<br><del>Nayyar</del> Singh |
|------------------------------|-----------------|--------------------------------|-----------------|------------------|-------------------------------------|

**TITLE** **APPLICANTS**

Wobbe Index: 10.6 kWh/m<sup>3</sup>

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PTO-2040  
12/99

| ISSUING CLASSIFICATION       |   |          |   |                    |                                   |  |  |  |  |  |  |
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| H                            | 0 | 4        | B | 10/06              |                                   |  |  |  |  |  |  |
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|--|--|-------------------------|------------------------|--|----------------------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>  | <b>DRAWINGS</b>  |                         |                        | <b>CLAIMS ALLOWED</b>  |                                  |
|  | Sheets Drwg.<br><u>1</u>   | Figs. Drwg.<br><u>2</u> | Print Fig.<br><u>1</u> | Total Claims<br><u>12</u>                                    | Print Claim for O.G.<br><u>1</u> |
| <input type="checkbox"/> The term of this patent<br>subsequent to _____ (date)<br>has been disclaimed.   | <u>Daleid Singh</u> <u>12/6/03</u><br>(Assistant Examiner) (Date)  |                         |                        | <b>NOTICE OF ALLOWANCE MAILED</b><br><u>12/11/03</u>         |                                  |
| <input type="checkbox"/> The term of this patent shall<br>not extend beyond the expiration date<br>of U.S Patent. No. _____<br>_____<br>_____  | <b>LEGAL COUNSEL</b><br><b>PRIMA</b> <b>MINER</b><br><u>Leslie Pasol</u> <u>12-8-03</u><br>(Primary Examiner) (Date) |                         |                        | <b>ISSUE FEE</b><br>Amount Due <u>\$1330</u> Date Paid _____ |                                  |
| <input type="checkbox"/> The terminal _____ months of<br>this patent have been disclaimed.   | <u>Sharon West</u> <u>12/21/03</u><br>(Legal Instruments Examiner) (Date)  |                         |                        | <b>ISSUE BATCH NUMBER</b>                                    |                                  |
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